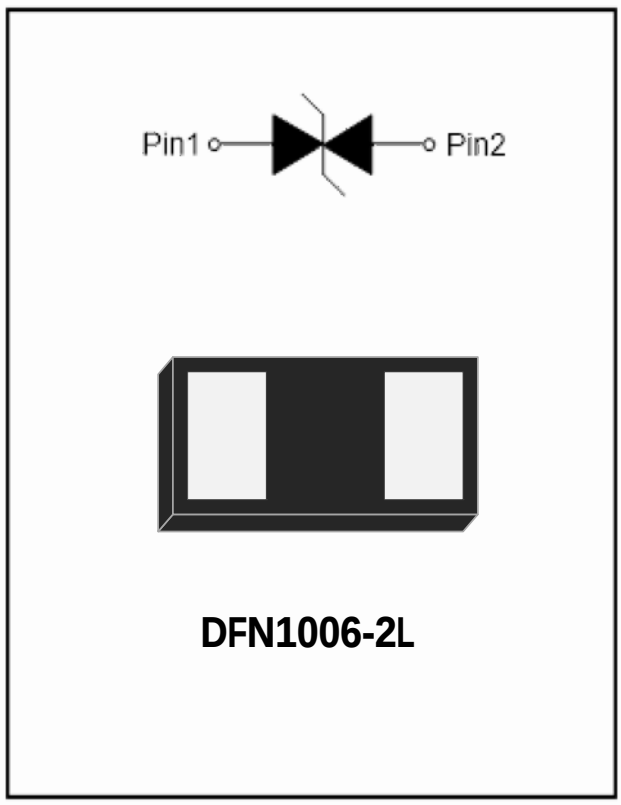
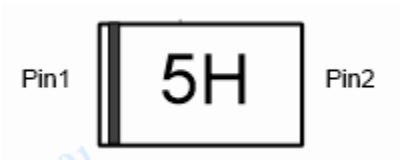
1-Line, Bi-directional, Transient Voltage Suppressor



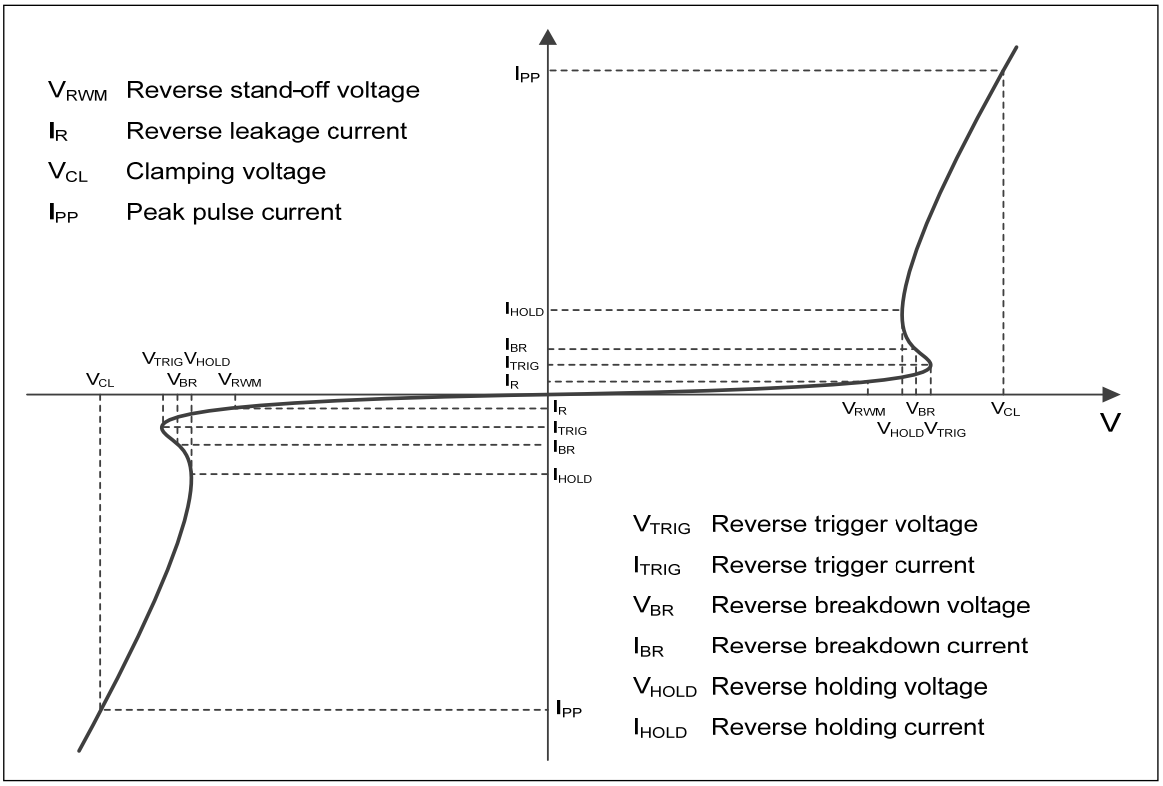
Features

Applications

Mechanical Data



Definitions of electrical characteristics



Maximum Ratings

PARAMETER

Characteristics (Typical)

Fig.1 8/20μs waveform per IEC61000-4-5

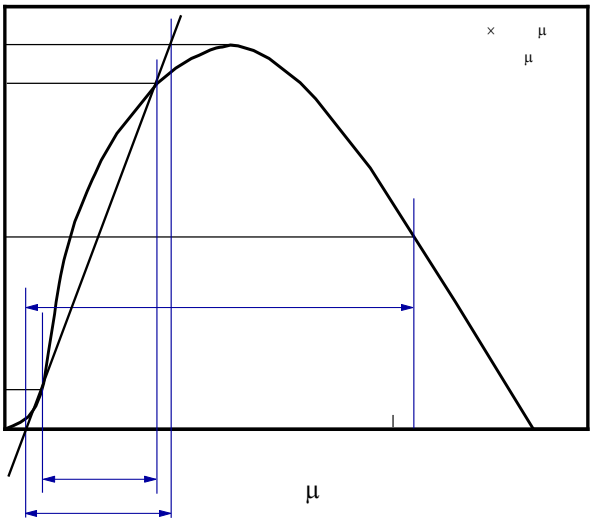


Fig.2 Contact discharge current waveform per IEC61000-4-2

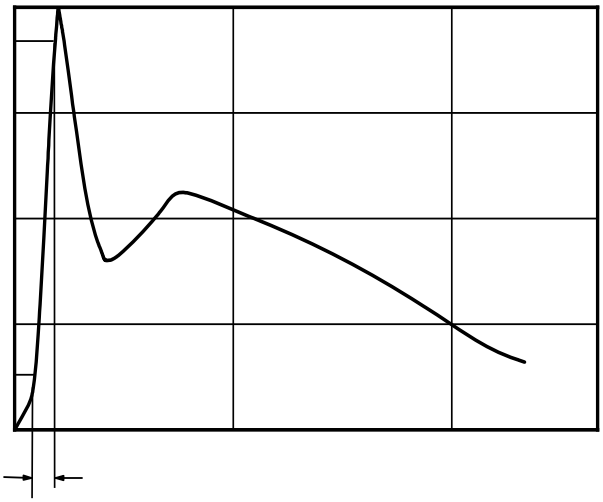


Fig.3 Clamping voltage vs. Peak pulse current

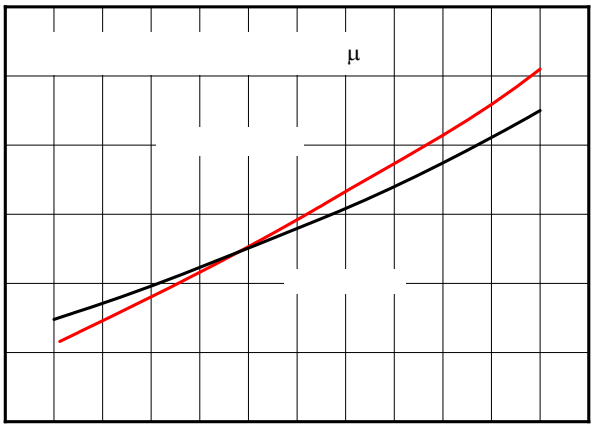


Fig.4 Capacitance vs. Reverse voltage

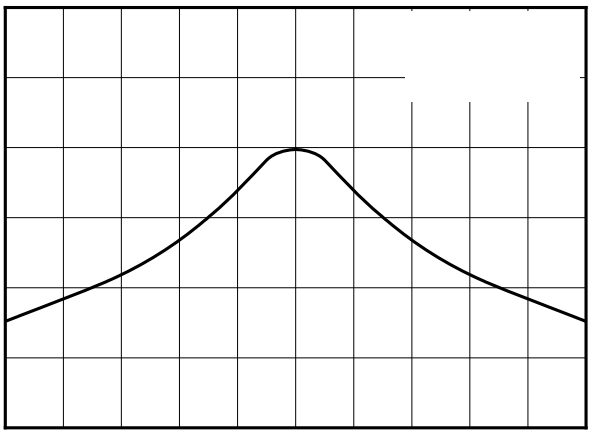


Fig.5 Non-repetitive peak pulse power vs. Pulse time

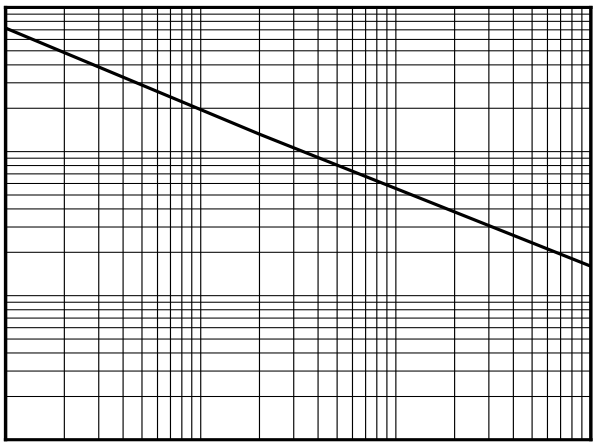


Fig.6 Power derating vs. Ambient temperature

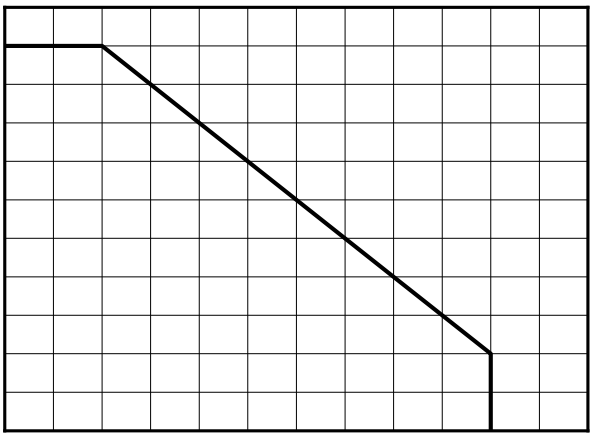


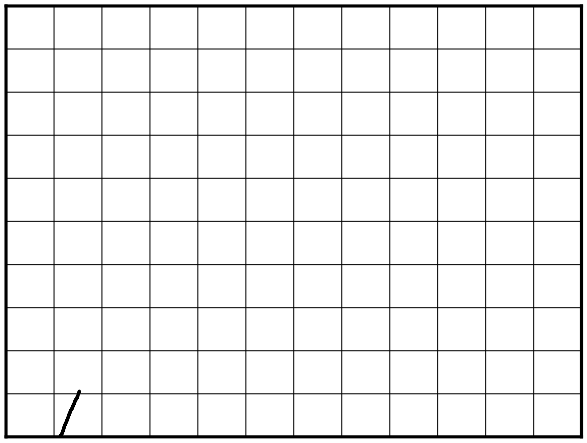
Fig.7 ESD clamping

Fig.8 ESD clamping t

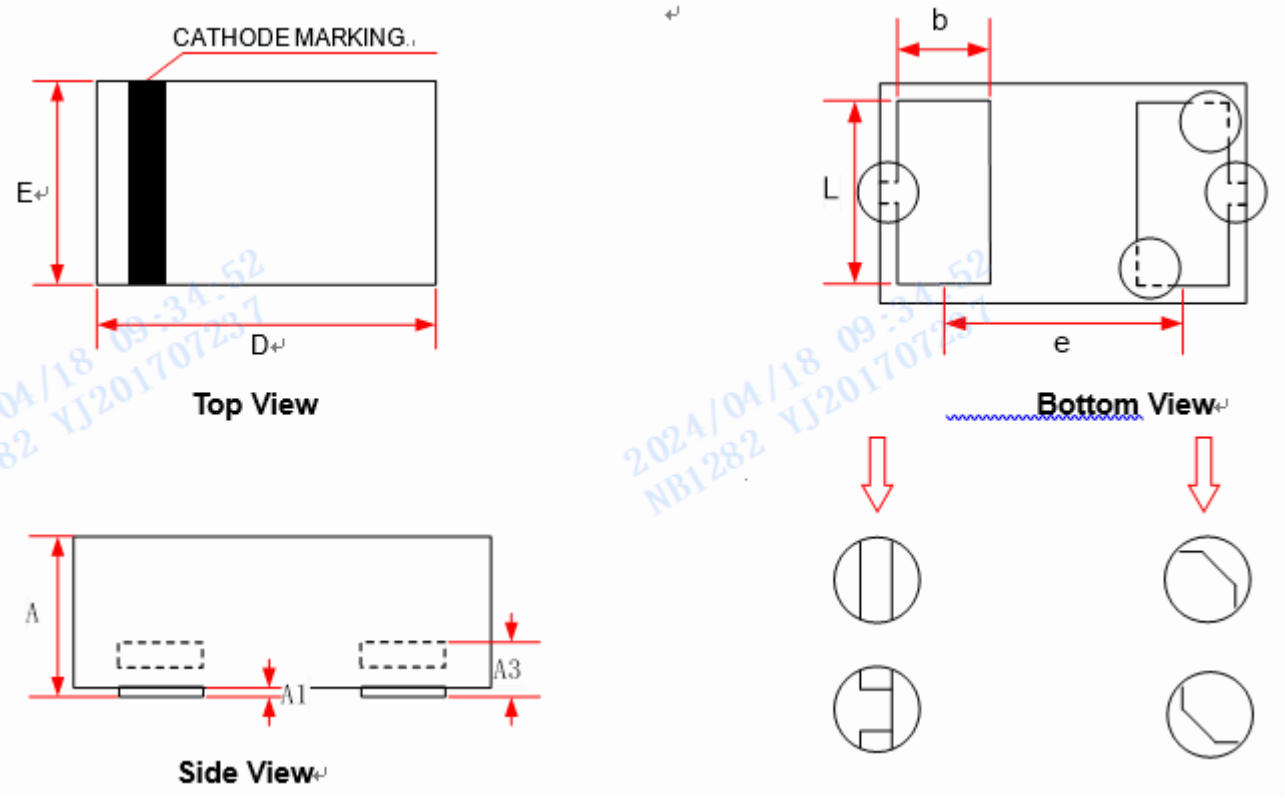
Time (ns)

(+8kV contact discharge per IEC61000-4-2)

(-8kV contact discharge per IEC61000-4-2)

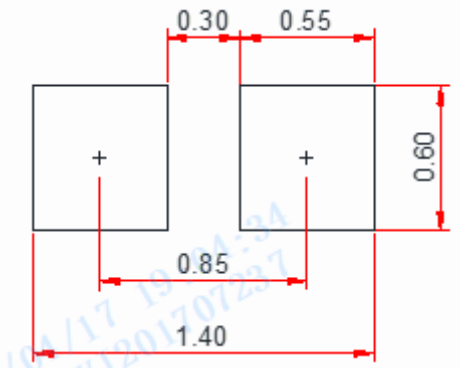


Outline Dimensions



Symbol	Dimensions in Millimeters		
	Min.	Typ.	Max.
A	0.340	0.450	0.530
A1	0.000	0.020	0.050
A3		0.125 Ref.	
D	0.950	1.000	1.080
E	0.550	0.600	0.680
b	0.200	0.250	0.300
L	0.450	0.500	0.550
e		0.650 BSC	

■ Recommended PCB Layout



Unit:mm

Disclaimer